

<b>Project Title:</b>	Trinucleotide Repeat Instability via DNA Damage and Repair
<b>PI:</b>	Liu, Yuan
<b>Institution:</b>	Florida International University
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A 5', 8-cyclo-2'-deoxypurine lesion induces trinucleotide repeat deletion via a unique lesion bypass ...	Xu, Meng; Lai, Yanhao; Jiang, Zhongliang; Terzidis, Michael A; Masi, Annalisa; Chatgilialoglu, Chryssostomos; Liu, Yuan	Nucleic Acids Res (2014 Dec 16)	42 / 13749-63	<a href="#">PubMed Citation</a>
Amplified single base-pair mismatch detection via aggregation of exonuclease-sheared gold nanopartic ...	Wu, Shuo; Liang, Pingping; Yu, Haixiang; Xu, Xiaowen; Liu, Yuan; Lou, Xinhui; Xiao, Yi	Anal Chem (2014 Apr 1)	86 / 3461-7	<a href="#">PubMed Citation</a>
AP endonuclease 1 prevents the extension of a T/G mismatch by DNA polymerase $\beta$ to prevent mutations ...	Lai, Yanhao; Jiang, Zhongliang; Zhou, Jing; Osemota, Emmanuel; Liu, Yuan	DNA Repair (Amst) (2016 Jul)	43 / 89-97	<a href="#">PubMed Citation</a>
AP endonuclease 1 prevents trinucleotide repeat expansion via a novel mechanism during base excision ...	Beaver, Jill M; Lai, Yanhao; Xu, Meng; Casin, Astrid H; Laverde, Eduardo E; Liu, Yuan	Nucleic Acids Res (2015 Jul 13)	43 / 5948-60	<a href="#">PubMed Citation</a>
Base excision repair of chemotherapeutically-induced alkylated DNA damage predominantly causes contr ...	Lai, Yanhao; Beaver, Jill M; Lorente, Karla; Melo, Jonathan; Ramjagsingh, Shyama; Agoulnik, Irina U; Zhang, Zunzhen; Liu, Yuan	PLoS One (2014)	9 / e93464	<a href="#">PubMed Citation</a>
Base excision repair of oxidative DNA damage coupled with removal of a CAG repeat hairpin attenuates ...	Xu, Meng; Lai, Yanhao; Torner, Justin; Zhang, Yanbin; Zhang, Zunzhen; Liu, Yuan	Nucleic Acids Res (2014 Apr)	42 / 3675-91	<a href="#">PubMed Citation</a>
Bypass of a 5',8-cyclopurine-2'-deoxynucleoside by DNA polymerase $\beta$ during DNA replication and base ...	Jiang, Zhongliang; Xu, Meng; Lai, Yanhao; Laverde, Eduardo E; Terzidis, Michael A; Masi, Annalisa; Chatgilialoglu, Chryssostomos; Liu,	DNA Repair (Amst) (2015 Sep)	33 / 24-34	<a href="#">PubMed Citation</a>

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Crosstalk between MSH2-MSH3 and pol $\beta$ promotes trinucleotide repeat expansion during base excision re ...	Lai, Yanhao; Budworth, Helen; Beaver, Jill M; Chan, Nelson L S; Zhang, Zunzhen; McMurray, Cynthia T; Liu, Yuan	7 / 12465	PubMed Citat
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Resveratrol protects against arsenic trioxide-induced oxidative damage through maintenance of glutat ...	Chen, Chengzhi; Jiang, Xuejun; Lai, Yanhao; Liu, Yuan; Zhang, Zunzhen	56 / 333-46	PubMed Citat